Hexham Rural Sanitary Authority.

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

ON THE

SANITARY CONDITION

OF THE

HEXHAM RURAL SANITARY DISTRICT

WITH

TABULAR RETURNS OF MORTALITY, &c.,

DURING THE YEAR 1893,

BY

R. BOUSTEAD, L.R.C.P.E., L.R.C.S.E., D.P.H., &c.,

Medical Officer of Health, Hexham and Haltwhistle Rural Sanitary Districts.

TWENTIETH ANNUAL REPORT 1893.

Hexham:

C. ARMSTRONG, PRINTER & STATIONER, MARKET PLACE.

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HEXHAM-ON-TYNE

(NORTHUMBERLAND)

RURAL SANITARY AUTHORITY.

Chairman:

Mr. H. CARRICK.

Vice-Chairman:

Mr. J. DOUGLAS.

Members (ex-officio)

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Mr. E. WOODMAN.
Mr. G. W. RICHARNSON.

Medical Officer of Health:

R. BOUSTEAD, L.R.C.P.E., L.R.C.S.E., D.P.H., &c.

Sanitary Inspector:

Mr. M. WAUGH.

Clerk to the Authority:

J. H. NICHOLSON, Esq., Solicitor, Hexham

PAROCHIAL COMMITTEES

Appointed pursuant to Section 202 of the Public Health Act, 1875, for the purpose of reporting to the Rural Sanitary Authority the several matters requiring their attention in the several Townships.

Names of Members of the Sanitary Authority are printed with an Asterisk *; the others are those of Ratepayers in the Township.

Acomb.—Messrs. *John Douglas, C W. C. Henderson, W. Gibson, C. Heslop, J. P. Walton, J. Henderson, J. Cragie, and Rev. C. R. P. Sherman. Mr. Gibson, convener.

Allendale.—Messrs. Jos. Lee, jun., M. Henderson, Dr. Arnison, W. Fairlamb, Ridley Nevin, and *G. Stobbs. Mr. Henderson, convener.

Blanchland.—Messrs, John Johnston, Thomas A. Stephenson. R. Hutchinson, and Rev. J. C. Dunn. Mr. Johnston, convener.

Broomley.—Messrs. T. Sanderson, J. B Lee, T. Bates, *S. Little, S. Pattinson, W. Trotter, and J. K. Lyall. Mr. Lyall, convener.

Chollerton.—Messrs. *J. Fenwick, T. Harle, T. T. Pickering, W. Smith, Canon Bird, J. Robson, and *R Hedley. Mr. Fenwick, convener.

Corbridge.—Messrs. *T. Reed, J. E. Middlemiss, J. Harle. T. Blandford, and D. Stephens. Mr. Reed, convener.

Haydon.—Messrs. T. Carrick, Jos. Lee, M. Gibson. Rev. J. H. Mandell. John Davidson, *Thomas Errington, T. Turnbull, W, S. Walton, and Dr. Murray. Mr. Davidson, convener.

Hedley.—Messrs. S. Pattinson, Stoker, Swinburn, Stonehouse, and J. Corn.. Mr. Stonehouse, convener.

Horsley.—G. W. Richardson, W. Bell, Dykes, Common, *S. Little, and J K, Lyall. Mr. Dykes, convener.

Humshaugh.—Messrs, *J. M. Ridley, W. Welton, C. Reed, *J. Douglas, W. Atkinson, Dr. Hoffman, T. Kirsopp, W. D. Cruddas, and Thomas Greene. Mr Greene, convener.

Mickley.—Messrs. J. M. Fenwick, *S. Little, S. Pattison, J. Graham, G. W. Richardson, Potts, Humble (Eltringham), Walter Ridley, J. Gibson, J. Cook, and Geo. Ellison. Mr. Richardson, convener.

Newbrough.—Messrs. Colonel Coulson, D. Brown, W. Heslop, M. Thompson, W. Benson. Canon Cruddas, *H. Carrick (Newbrough Lodge.) Canon Cruddas, convener.

Ovingham.—Messrs. *E. Woodman, James Johnston, W. Bedlington, W. T. Shanks, Rev. Mr. Donnell, A. Wood, W. Barron, and *J. H. Ridley. Rev. Mr. Donnell, convener.

Ovington.—Messrs. W. Barron, H. Dixon E, Woodman. John Heslop, James Johnston, Geo. Lumley, *J. H. Ridley, and S. Robson. Mr. Barron, convener.

Prudhoe.—Messrs. *R. Wallis, S Pattinson, *S. Little, T. Bates, — Beavan, jun., John Ritson, Rev. J. A. C, Maughan, John Philipson, J. Davidson, John Lee, and Charles Spence. Rev. J. A. C, Maughan, convener.

Wall.—Messrs. N. Woodman, J. W. Wilkinson, *J. Douglas, James Herdman, and — Nixon. Mr. Wilkinson, convener.

Whitley Chapel.—Messrs. *G. W. Oliver, R v. W. Sisson, Angus, Blackburn, and Lowden. Mr. Oliver convener.

Whittington.—Messrs. *R. Hedley, Kirsopp, Graham, Baty and Sample were appointed a Special Committee for Whittington. Mr. Hedley, convener.

Wylam. Messrs. R. Clayton, N. Coulson, M. Ridley, Milburn, Maughan, and Hunter. Mr. Clayton, convener.

To the Chairman and Members of the Hexham Rural Sanitary Authority.

Hexham Rural Sanitary Authority.

REPORT OF MEDICAL OFFICER OF HEALTH

For the Year 1893,

GENTLEMEN,

Again, as required, I beg to lay before you the Annual Report, giving the Returns for the Year 1893, for the whole of the Dlstrict combined, and also for each of the Sub-Districts. The whole District has an

AREA of 200,977 Acres. This is again divided into Four Sub-Districts, viz. :—

HEXHAM SUB-DISTRICT, with an area of 47,828 Acres;

BYWELL SUB-DISTRICT, with an area of 50,547 acres;

CHOLLERTON SUB-DISTRICT, with an area of 50,794;

ALLENDALE SUB-DISTRICT, with an area of 51,808 acres.

POPULATION—For the whole of the District is estimated at 27,718.

DEATHS.

The total number of deaths from all causes, in the whole of the district has been 445, viz :—Males, 212, Females, 233. This gives for the district a *Mortality* at the rate of 16 0 per thousand.

The following 60 deaths are included in the above number, and show in the several Districts, as will be seen under the following headings :

1st—Those in which the Coroner has been communicated with, and in which an inquest has been held.

2nd—In which the coroner has been communicated with, and has not considered an enquiry necessary, but has given a certificate.

3rd—Those in which there has been no attendance by a Medical Practitioner at all, and in which the death certificate has been filled up by the registrar, from information given by those most interested. Consequently they are practically uncertified deaths and appear as such in the following.

HEXHAM SUB-DISTRICT.

Deaths reported to the Coroner, in which an Inquest was held.

Man, aged 20. Accidentally drowned whilst bathing in the Tyne.
Women aged 70. Killed by lightning.

Deaths reported to the Coroner, in which an Inquest was not thought necessary.

Women, aged 18. Died from inflamation of abdomen,

Uncertified Deaths.

Child, aged 5 months. Died suddenly in a natural way from croup.

Man, aged 67. Heart Disease.

ALLENDALE SUB-DISTRICT.

Deaths reported to the Coroner, in which an Inquest was held.

Child, aged 11 days. From convulsions.

Man, aged 20. From Septic Peritonitis, caused by injuries in football match.

Girl, aged 10. Died suddenly in a natural way from Heart Disease.

Man, aged 36. Died suddenly from Heart Disease.

Girl, aged 3. Accidentally killed by upsetting of cart in which she was riding.

Man, aged 35. Committed suicide whilst temporarily insane.

CHOLLERTON SUB-DISTRICT.

Deaths reported to the Coroner, in which an Inquest was held.

Child, aged 17 weeks. Died from natural causes.

Man, aged 68. Died suddenly aparently from Heart Disease.

Man, aged 18. Killed by lightning.

Deaths reported to the Coroner, in which an Inquest was not thought necessary.

Child, aged 3 months. Accidently overlaid.

Child, aged 11 days. Debility and Convulsions.

Uncertified Deaths.

Girl, aged 5 months. Convulsions.
Woman, aged 20. Phthisis.
Woman, aged 24. Dropsy.
Man, aged 62. Brights Disease.

BYWELL SUB-DISTRICT

Deaths reported to the Coroner, in which an Inquest was held.

Man, aged 83. Died suddenly from Heart Disease.
Man, aged 73. Accidentally drowned whilst crossing a burn.
Man, aged 20. Accidentally run over and crushed by coal tub.
Man, aged 32. Poisoned himself with laudanum.
Man, aged 74. Died suddenly from Heart Disease.
Boy, aged 2 years. Accidentally scalded.
Boy, aged 9. Accidentally strangled whilst playing on a swing.
Child, aged 5 months. Convulsions, following Diarrhœa.
Boy, aged 14. Accidentally killed by coal tub, whilst at work.
Boy, aged 6. Meningitis, from a blow on the head whilst at play.
Man, aged 54. Killed whilst trespassing on the railway by a passing train

Deaths reported to the Coroner, in which an Inquest was not thought necessary.

Woman, aged 38. Died suddenly apparently from Heart Disease.
Woman, aged 58. Heart Disease.
Man, aged 54. Effusion on brain, caused by a fall,
Man, aged 74. Syncope caused by acute indigestion.

Uncertified Deaths.

Child, aged 23 days. Debility from birth
Child, aged 10 weeks. Convulsions.
Boy, aged 7 months. Consumption of bowels.
Boy, aged 9 months. Convulsions.
Girl, aged 9 months. Pneumonia Convulsions.
Boy, aged 3 years. Dentition Meningitis.
Boy, aged 3 months Diarrhœa and Convulsions.
Man, aged 79, Heart Disease.
Child, aged 15 minutes. Premature Birth.

Child, aged 1 hour. Premature Birth.
Child, aged 4 hours. Premature Birth.
Child, aged 12 hours. Debility from Birth.
Man, aged 53. Pneumonia.
Child, aged 7 months. Tabes Mesenterica.
Man, aged 43 Apoplexy.
Child, aged 6 hours. Debility from Birth.
Man, aged 61. Bronchitis and œdema of Legs.
Child, aged 5 hours. Premature Birth.
Child, aged 18 months. Teething and Covulsions.
Child, aged 10 months. Teething and Convulsions.
Man, aged 55. Apoplexy.
Child, aged 13 days. Debility from Birth.
Child, aged 12 hours. Premature Birth,
Child, aged 3 months. Bronchitis.
Child, aged 5 months, Diarrhœa and Exhaustion,

As will be seen from the foregoing, there has been in the whole of the district 22 deaths, in which the coroner held an inquest.; 7 in which there was no inquest held, but a certificate assigning the cause of death, as stated above, being given; and 31 simply from information given to the Registrar, none having been seen by a medical man. This last featnre in the death return, and it is a most unsatisfactory one, remains much the same as last year. The stated cause of deaths, and the age of each, can be seen in the above, and it will be observed that out of the 31 uncertified deaths, 19 are under 12 months old. This gives a rate of about 7 per cent of the whole deaths returned uncertified, and nearly two-thirds of which occurred in children under one year old, This does not include the cases which have come under the notice of the coroner, and in a great many of these cases no medical man has seen the body, or been called to give evidence in any way, so that the stated cause of death, as registered in many cases, is a mere matter of guess-work, or umprofessional opinion. In no case ought it to be possible to register a death which has occured, not having been seen previously by a medical man, or should such cases occur, a medical man ought to be the first to be called in, to give his opinon and assistance.

The following tables will give the number of deaths for each disease, and the age at death in each district, and in the whole union.

TABLE I

Table of Deaths from all causes in the whole District.

DISEASE.	MONTH.												YEARS.								85 & up.	Totals.
Under ...	1	2	3	4	5	6	7	8	9	10	11	12	5	15	25	35	45	55	65	75		
Bronchltis	...	1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	2	3	9	3	21
Pneumonia	...	...	...	1	...	...	...	...	1	2	1	...	3	3	2	..	3	3	3	5	2	29
Phthisis	...	...	...	...	...	...	...	...	...	...	...	...	1	6	11	9	5	1	3	3	...	39
Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	2	1	3
Whooping Cough ..	..	...	...	..	..	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
Diptheria	...	...	...	...	...	...	..	...	...	...	...	...	1	3	1	...	...	...	..	...	...	5
Scarlatina	..	1	...	...	...	...	...	1	...	...	...	...	1	1	...	..	...	...	...	...	...	4
Croup	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
Diarrhœa	3	...	...	1	...	1	2	...	1	..	...	1	1	..	...	...	...	...	1	...	...	11
Measles	...	...	...	...	.	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Convulsions	6	..	..	...	..	1	...	...	...	1	...	...	1	...	...	...	...	...	1	1	...	11
Heart	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	5	11	19	4	45
Head	3	.	...	...	...	1	...	...	...	...	...	...	7	2	2	2	4	3	2	13	6	45
Liver	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	1	1	4	4	...	11
Peritonitis	.	...	...	...	...	...	...	...	...	...	...	...	...	3	2	...	...	...	...	1	...	6
Enteritis	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	1	...	1	...	...	5
Spinal	1	...	...	...	...	...	...	...	...	1	...	..	1	1	...	...	2	1	1	...	...	8
Cancer	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	...	1	2	4	2	4	14
Kidney	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	3	...	7
Gastric	...	...	...	1	...	..	...	...	...	...	...	..	3	...	...	...	1	...	...	2	1	8
Erysipelas	..	...	...	...	...	...	.	...	...	...	...	...	..	...	...	...	..	...	...	...	1	1
Paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	3	2	...	7
Uterine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	..	.	2
Rheumatic Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Puerperal Fever ...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
Tabes Mesenterica ...	4	..	1	1	1	1	1	2	2	...	...	...	...	1		..	1	...	...	...	...	15
Hernia	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	1	...	.	1
Old Age	...	...	..	...	...	...	...	...	...	...	..	.	...	..	...	...	..	...	1	11	34	46
Others	36	1	...	2	1	2	2	3	1	1	..	...	6	10	9	4	4	4	3	3	2	93
Totals ...	53	3	1	7	1	6	6	6	7	5	1	1	30	32	32	21	24	24	43	80	58	445

TABLE II.

Table of Deaths from all causes in Hexham Sub-District.

DISEASE.	MONTHS.												YEARS.								85 & up.	Totals.
Under ...	1	2	3	4	5	6	7	8	9	10	11	12	5	15	25	35	45	55	65	75		
Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	3	...	5
Pneumonia	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	1	...	1	...	...	2
Phthisis	...	...	.	...	...	...	...	...	...	...	...	...	...	3	1	...	...	..	1	1	...	6
Influenza	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Diptheria	...	...	...	...	...	...	...	..	...	...	...	...	1	...	1	...	...	..	...	...	...	2
Scarlatina	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	...	1
Croup	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Diarrhœa	..	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	..	1
Convulsions	2	...	...	...	...	...	...	...	...	...	.	...	..	...	...	...	...	...	...	...	...	2
Heart	...	...	...	...	...	...	...	...	...	..	...	...	...	..	1	...	...	...	...	5	1	7
Head	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	..	4	1	7
Liver	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Peritonitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Cancer	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	1	2
Spinal	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	..	...	...	...	1
Kidneys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	2
Gastric	...	...	...	1	...	..	...	...	..	...	...	...	1	...	...	...	1	...	1	...	..	4
Tabes	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Uterine	...	...	...	...	...	...	..	..	..	...	..	...	...	...	...	...	..	1	..	...	...	1
Paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	2
Puerperal Fever ...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	1
Old Age...	...	...	..	...	...	...	...	..	...	..	...		...	...	...	...	...	...	...	...	5	5
Others	2	..	...	...	...	1	...	...	1	...	...	...	...	3	2	1	1	...	.	1	1	13
Totals ...	4	1	..	1	...	1	1	...	1	...	...	...	4	7	6	1	6	4	4	20	9	70

TABLE III.

Total Deaths from all causes in Allendale Sub-District.

DISEASE.	MONTHS.												YEARS.								85 & up.	Totals.
Under ...	1	2	3	4	5	6	7	8	9	10	11	12	5	15	25	35	45	55	65	75		
Bronchitis	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	2	..	5
Pneumonia	...	...	...	1	...	...	...	1	...	..	...	...	...	1	1		...	1	2	2	...	9
Phthisis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	1	1	...	1	...	7
Measle	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...	...	...		...	...	1
Diarrhœa	...	...	...	..	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	..	...	2
Heart	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	5	3	...	9
Head	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	2	2	7
Liver	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	1	1	...	2
Peritonitis	...	..	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...	...	..	...	1
Enteritis	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Cancer	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	2	...	1	4
Spinal	..	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	1
Rheumatic Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.	...	1
Gastric	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	2
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...		...	...	1	...	...	...	...	...	...	1
Paralysis	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	1	...	2	..	...	3
Convulsions	2	..	..	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	..	2
Old Age	...	...	..	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	9	9
Others	4	...	...	1	...	...	...	1	...	...	..	...	2	1	2	...	1	1	2	.	...	15
Totals ...	7	1	...	2	...	...	...	2	...	...	..	...	5	4	8	2	5	4	16	13	12	82

TABLE IV.

Table of Deaths from all causes in Chollerton Sub-District.

DISEASE.	MONTHS.												YEARS.								85 & up.	Totals.
Under ...	1	2	3	4	5	6	7	8	9	10	11	12	5	15	25	35	45	55	65	75		
Bronchitis	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	...	...	...	1	3	2	7
Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	1	...	4
Phthisis	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	3	1	...	1	1	...	10
Influenza	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	1	1
Scarlatina	...	...	...	...	...	...	...	..	...	...	...	...	1	...	...	...	...	...	...	..	...	1
Diarrhœa	...	...	...	...	...	...	.	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Convulsions	1	...	...	...	...	1	...	...	...	...	...	..	...	...	...	...	...	...	1	...	..	3
Head	1	...	...	...	...	...	...	...	...	...	...	...	3	1	1	1	...	...	..	4	1	12
Heart	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	4	...	7
Liver	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	1	..	1
Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..		...	...	1
Cancer	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	4
Kidneys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	1	1	..	3
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	1	...	1
Gastric	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Age	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	6
Others	8	...	...	1	...	...	1	...	..	...	...	...	...	1	3	1	...	1	..	...	...	16
Totals ...	10	...	...	1	...	1	1	...	2	...	...	...	4	3	9	6	4	2	8	20	8	79

TABLE V,

Table of Deaths from all causes in the Bywell Sub-District.

DISEASE.	MONTHS.												YEARS.								85 & up.	Totals.
Under ...	1	2	3	4	5	6	7	8	9	10	11	12	5	15	25	35	45	55	65	75		
Bronchitis	...	...	...	1	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	1	1	4
Pneumonia	...	...	...	...	...	...	...	...	...	2	1	..	3	2	...	...	...	2	...	2	2	14
Phthisis	...	...	...	...	...	...	...	...	...	...	..	...	1	2	5	4	3	...	1	...	...	16
Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Whooping Cough ..	..	...	...	...	...	...	...	...	...	..	...	...	2	...	...	...	...	...	...	...	...	2
Diptheria	...	...	...	...	...	...	...	...	...	...	...	..	...	3	...	...	...	...	...	...	...	3
Scarlatina	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	..	...	...	...	2
Croup	...	..	...	...	...	...	1	...	...	...	...	...	..	...	...	...	...	...	...	...	...	1
Diarrhœa	3	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	7
Convulsions	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	...	4
Heart	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	1	2	5	3	7	3	22
Brain	1	...	...	...	...	1	...	...	...	...	...	...	3	..	1	2	2	2	2	3	2	19
Liver	...	...	...	...	...	...	...	...	...	...	..	...	1	...	...	...	1	1	2	2	...	7
Peritonitis	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	...	...	...	...	...	...	4
Enteritis	...	...	...		...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	2
Cancer	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	1	1	1	4
Spinal	1	...	...	...	...	⋮	...	..	...	1	...	...	1	1	...	...	1	...	1	...	...	6
Kidneys	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	1	...	...	...	1	...	2
Hernia	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Tabes	4	...	...	1	1	1	1	2	2	...	...	...	...	1	...	...	1	..	...	...	...	14
Uterine	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Gastric	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	⋮	1	...	...	2
Old Age	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	7	18	26
Others	22	1	...	...	...	1	1	2	...	1	...	...	4	5	2	2	2	2	1	2	1	49
Total ..	32	2	..	3	1	4	4	5	3	5	1	...	17	18	11	11	12	13	16	28	28	124

BIRTHS.

In the following tables is one giving the number of Births for each separate Sub-District, and one for them combined. The last will show the total number of deaths has been for the year, 792, which gives an increase over the returns of last year of 116, and of these 55 were illegitimate, which is at the rate of 6·9 per cent. against that of 4·4 last year. The increase has not been in one district only, the numbers are as follows:—Bywell Sub-District, 82; Allendale Sub-District, 20; Chollerton Sub-District, 8; Hexham Sub-District, 6.

TABLE VI.

Total Births with Percentage of Illegitimate.

DISTRICT.	Legitimate.		Illegitimate.		Totals.	Percentage of Illegitimate.
	M	F	M	F		
Bywell ...	200	196	14	17	427	7·4
Chollerton ...	67	60	4	3	134	5 2
Allendale ...	58	67	9	5	139	10·0
Hexham ...	51	38	...	3	92	3.2
TOTALS ...	367	361	27	28	792	6.9

TABLE VII.

Table of Births for Chollerton Sub-District.

Legitimate.		Illegitimate.		TOTAL.	1893.
M	F	M	F		MONTHS.
7	5	...	...	12	January.
3	3	...	...	6	February.
9	6	1	...	16	March.
3	5	1	...	9	April.
4	8	1	1	14	May.
3	7	1	...	11	June.
6	5	...	...	11	July.
7	7	...	1	15	August.
9	4	...	...	13	September.
7	2	...	...	9	October.
2	3	...	1	6	November.
7	5	...	...	12	December.
67	60	4	3	134	

TABLE VIII.

Table of Births for Hexham Sub-District.

Legitimate.		Illegitimate.		TOTAL.	1893.
M	F	M	F		MONTHS.
2	4	...	...	6	January.
2	3	...	1	6	February.
7	3	...	...	10	March.
1	6	...	...	7	April.
6	1	...	...	7	May.
4	4	...	...	8	June.
5	2	...	1	8	July.
7	3	...	...	10	August.
5	5	...	...	10	September.
7	3	...	1	11	October.
1	3	...	...	4	November.
4	1	...	...	5	December.
51	38	...	3	92	

TABLE IX.

Table of Births for Bywell Sub-District.

Legitimate.		Illegitimate.		TOTAL.	1893.
M	F	M	F		MONTHS,
19	15	1	3	38	January.
17	17	1	...	35	February.
15	12	...	2	29	March.
21	16	3	2	42	April.
13	19	1	1	34	May.
9	18	...	3	30	June.
19	16	1	...	36	July.
21	16	1	1	39	August.
19	14	1	3	37	September.
13	25	...	.	38	October.
18	15	2	2	37	November.
16	13	3	...	32	December.
200	196	14	17	427	

TABLE X.

Table of Births for Allendale Sub-District.

Legitimate.		Illegitimate.		TOTAL.	1893.
M	F	M	F		MONTHS.
7	4	...	2	13	January.
6	4	...	...	10	February.
5	7	3	1	16	March.
5	8	...	...	13	April.
8	6	1	...	15	May.
6	7	...	...	13	June.
5	3	2	1	11	July.
4	7	1	...	12	August.
7	3	2	...	12	September.
1	7	...	...	8	October.
...	6	...	1	7	November.
4	5	...	...	9	December.
58	67	9	5	139	

INFECTIOUS DISEASES.

The following tables give for the whole of the district, and for each sub-district separately, the number and character of Infectious Diseases, which have been notified as occuring through the year. The total number is 256, which is a decrease of 133 from that of last year, which was 389. The greatest number as was the case last year, was from

SCARLATINA.

There has been a great diminution in the number of cases this year, as compared with the last, which was 342, the present one being 174, giving a decrease of 168. Though it has been comparatively of a mild type, the mortality has been greater this year (four deaths having occurred) than that of last year, in which there was three deaths. All measures have been taken as far as possible to keep it from spreading, but there cannot be the slighest doubt, that the cause of its continuing so long, not only in tais district but all over the country, is from direct contact in one way or another, and this can only be avoided by strict isolation, such as can only be obtained in a hospital for that purpose. With the advantage of a building of that kind in a district, it ought to be possible to keep an outbreak of any kind under control.

DIPTHERIA.

This disease, as the above one, seems to have spread more or less in all parts of the country. There has been 27 cases during the year, 5 of which were fatal. This used to be called a farm yard disease, and in fact a great majority of the cases did occur where horses and cattle were kept, and seemed to be of a more severe type than the present. In the present case, I am inclined to think from observation, three things to be the great cause. Low and ill-ventilated dwellings. Damp walls against which the beds are often placed, and on which one layer of paper is often pasted over another. And lastly, the want of properly and sufficiently cleansing the slopstone pipe and sink. Few could imagine the state of the pipe from a kitchen slopstone, which has not been properly cleansed out for months, or possibly never, without having seen one broken up. In all these things however, matters are rapidly changing for the better, as people are taught to see, and they grasp the fact, that ill-ventilated rooms and dirty drains and surroundings mean disease.

WHOOPING COUGH AND MEASLES.

Neither of these diseases come under the Notifiable Diseases as adopted by this Board, so that the numbers cannot be given. Both were very prevalent, quite an epidemic last year, but an idea may be formed from 14 deaths having occured from the former, and 3 from the latter. It has however, quite died away, the mortality this year being 3 from the former, and 1 from the latter.

TYPHOID FEVER.

There has been 15 cases of this disease reported. It has fortunately been of a mild character, no death having occured. Each case has been enquired into, and the requisite means used.

SMALLPOX.

There has been four cases of this all being adult males. In 3 of the cases the cause was pretty conclusively traced, and was imported into the district, whilst the fourth was caused by direct contact with one of the above. All had been vaccinated in childhood, and all recovered. Fortunately, the cases were such as could be removed to the infectious wards of the workhouse hospital. All the bedding, &c., was destroyed or disinfected, and there was no further spread. There could be scarcely any cases, which would show more clearly than three of the above, the danger the public runs from men tramping about from place to place, throughout the country.

INFLUENZA.

This is not one of the Notifiable Diseases, but from enquiries, there has been a few cases occuring, though it has not been taking anything like an epedemic form ; and is not nearly so prevalent nor fatal as during last year, when there was 19 deaths returned as caused by it ; this year there fortunately has been only 1.

TABLE XI.

Table of Infectious Diseases for the whole District.

DISEASE.	Under Years in Age.						Totals.
	5	10	15	25	35	45 & up	
Scarlatina ...	47	63	21	19	14	10	174
Diptheria ...	2	9	6	4	2	4	27
Erysipelas ...	...	3	...	8	4	18	33
Typhoid Fever	1	2	...	4	5	3	15
Croup ...	2	...	...	...	...	...	2
Puerperal Fever	...	...	...	1	...	...	1
Smallpox ...	...	...	...	1	2	1	4
Totals ...	52	77	27	37	27	36	256

TABLE XII.

Table of Infectious Diseases for the Chollerton Sub-District.

	Years.						Totals.
Under ...	5	10	15	25	35	45 & up	
Scarlatina ...	19	27	8	6	9	7	76
Erysipelas ...	...	..	...	...	...	3	3
Diptheria ...	...	...	...	...	...	1	1
Typhoid Fever	...	...	...	...	1	...	1
Smallpox ...	...	...	...	1	...	...	1
Totals ...	19	27	8	7	10	11	82

TABLE XIII.

Table of Infectious Diseases for the Bywell Sub-District.

	Years.						Totals.
Under ...	5	10	15	25	35	45 & up	
Scarlatina ...	16	15	9	4	4	3	51
Erysipelas ...	...	3	...	6	1	8	18
Diptheria ...	...	1	5	1	1	...	8
Typhoid Fever	1	2	...	4	3	3	13
Smallpox ...	...	...	...	...	...	...	1
Croup ...	1	...	...	...	...	...	1
Totals ...	18	21	14	15	11	14	92

TABLE XIV.

Table of Infectious Diseases for the Hexham Sub-District.

	Years.						Totals.
Under ...	5	10	15	25	35	45 & up	
Scarlatina ...	5	13	2	8	...	..	28
Diptheria ..	2	8	1	3	1	3	18
Croup ...	1	...	...	...	...	...	1
Erysipelas ..	...	...	...	2	3	4	9
Totals ...	8	21	3	13	4	7	56

TABLE XV.

Table of Infectious Diseases for the Allendale Sub-District.

	Years.						Totals.
Under ...	5	10	15	25	35	45 & up	
Scarlatina ...	7	8	2	1	1	...	19
Typhoid Fever	...	...	...	...	1	...	1
Puerperal Fever	...	...	...	1	...	...	1
Smallpox ...	...	...	...	...	1	1	2
Erysipelas ...	...	...	...	...	...	3	3
Totals ...	7	8	2	2	3	4	26

WATER.

As the Board is quite aware, the supply of this has not been at all satisfactory all over the District, either in regard to quantity or quality. This however, has been altogether unavoidable, being caused by the long drought. In some parts of the District, the want of a sufficient supply has been keenly felt, but as the rain comes the supply will increase. Great improvement is being made year by year, in regard to obtaining a proper supply to every place, and having it at a reasonable distance. During the year 56 samples have been examined, and where found contaminated, means have been taken to remedy the defect, or a fresh supply got, and as a rule, these alterations are very freely made by those responsible. There is no doubt the scarcity must have had some effect on the health of the district, but the great wonder is that it has been so small, as it is well-known such diseases flourish most, in such weather as there has been for a long time, and more especially in such districts as this.

SLAUGHTER HOUSES.

These have been inspected from time to time at uncertain intervals and have been found as a rule, well kept and in a cleanly condition, and as time passes on there can be seen a greater improvement, both in the inside and on the outside, and the quality of the meat is very good indeed,

DAIRIES AND COWSHEDS.

There are 49 registered dairies in the district, and these have been visited, and the utensils, &c., have been found in a cleanly and satisfactory state, and any suggestions which have been made have been carried out The cowsheds have been white-washed and cleansed, according to the regulations, and greater attention is certainly observeable in keeping them clean, and as far as can be, the old pavemented floor is being done away with, and bricks, cement, or other and better substitutes used, and the drainage attended to.

ASHPITS AND PRIVIES.

These are certainly being more carefully attended to than formerly, but still there is in many cases the old complaint about not being able to get them cleaned out, and this is the most noticeable in the Prudhoe, Wylam, and Acomb districts. The people cannot get the farmers to come at the time they want them cleaned out, and the consequence is that they get into a very bad state indeed. This is the case in both the Ashpit and the Privy. The former is full to overflowing, and the latter in consequence of being erected on the old boxed in end principle, is in the same condition, only infinatly worse in degree, because it is a seething mass of putrifaction, so bad, that men can scarcely be got to clean them out at all, on account of its being so offensive, especially in cases in which the man has to get inside to clean them. But now, from continual inspection, and all the new privies, and any re-erections being built according to the new plan, this nuisance, and it is a very great one, will be gradually abated and done away with. There can be no question in any respect whatever, as to the superiority of the newer plan which the Board has adopted, over that of the old one.

NUISANCES, &c.

The following notices have been issued to owners and occupiers, during the year, by the Sanitary Inspector.

To Provide proper drainage to premises	40
,, Drains tested by smoke test and found defective	6
,, Cement, pave, and repair, defective yard surfaces ...	6
,, Cleanse, cement, and drain urinals	7
,, Fill up cesspools	2
,, Cease keeping animals to be a nuisance	2

To Erect ventilators to soil pipes	2
,, Cleanse piggeries, fowlhouses, and stables	4
,, Provide privy or w.c. accommodation	2
,, Cleanse and repair filthy premises, yards, and w.c.s ...	17
,, Remove offensive accumulation of refuse rom premises ...	4
,, Provide proper ventilation under the floors of houses ...	4
,, Cleanse privies and ashpits	39
,, Remedy defective and delapidated ashpits and privies ...	7
,, Remedy dampness	13
,, Provide proper means for cleansing ashpits and privies, other than taking the refuse through the dwelling houses ...	3
,, Close insanitary houses	1
,, Ventilate ashpits and privies	8
,, Ventilate sewers and drains	3
,, Have flushing tanks repaired	4
,, Construct ashpits and privies in accordance with the bye-laws	2
,, Rooms, furniture, bedding, and clothing fumigated... ..	20
,, Clothing and bedding destroyed	4
,, Disinfectants given out	82

1893.

PLANS PASSED AT THE BOARD MEETINGS.

7th February.

Corbridge.—Mr. Davidson submitted plans for alterations and additions to the Old Hall in Main Street, belonging to H. S. Edwards, Esq., were approved; Mr. Balden submitted a plan for proposed additions and alterations to Dilston Hall, belonging to W. C. B. Beaumont, Esq., was approved.

Haydon Bridge,—A plan submitted by the Inspector, to convert a stable into a slaughter house, for J. Reid, was approved of.

7th March.

Prudhoe.—A plan for six cottages, proposed to be built for the Independant Co-operative Society, was submitted and approved.

28th March

CORBRIDGE.—A plan for two semi-detached villas, proposed to be built for Messrs. Robinson & Co., Prior Mains, were submitted and approved; Plans of eight houses for Mr. Jewitt, Heron's Hill, Back Row; additions and alterations to Farnley Grove for Mr. Forster; and additions to the house of Mr. Foreman, Middle Street, the last-named to have a ventilating shaft erected above the eaves of the house, which was to be put up to the satisfaction of the Inspector, were approved and passed.

16th May.

CORBRIDGE.—Plans were submitted of a cottage, stable, and coach house, for Geo. Irving, Esq., at Lady Cutter's Lane; and for seven houses at Heron's Hill, for W. Elliott, were passed, subject to fireplaces being put in the bedrooms.

WYLAM.—Plans for proposed eight houses at Tyne View, were submitted for approval by Mr. Maughan, and passed.

STOCKSFIELD.—A plan of a house proposed to be built at Painshaw Field, for Mr. Philipson, was submitted and approved.

HAYDON BRIDGE.—A plan was submitted for two semi-detached villas on the Belmont Estate, for Mr. John Davidson, was approved of,

PRUDHOE.—A plan of proposed addition and alteration to Mr. Coulson's cottage, belonging to the Duke of Northumberland, was referred back owing to the drainage not being shown; a plan of proposed scullery and coalhouse, at Edgewell House Farm, was submitted and passed.

HORSLEY.—A plan of stable and byre, for the Duke of Northumberland, was submitted and passed, subject to light being shown in the byre.

13th June.

Haydon Bridge.—A plan of proposed shooting box, for Sir James Joicey, M.P., to be erected at Brokenheugh, was referred back to have the drainage shown on the plan.

High Mickley.—A plan of a byre for Mr. Newton, was approved.

Prudhoe.—The amended plan, for addition and alteration to Coulson's Cottage, was submitted and approved.

Allendale.—A plan for a farm-house at Hunt Rods, for Messrs. Liddell, Haltwhistle, was referred back, owing to the bedroom accomodation being too small.

11th July.

Haydon Bridge.—A plan was submitted for alterations and additions to the farm-house of Whinnetly, for W. D. Cruddas, Esq., was approved; an amended plan of shooting box at Brokenheugh, for Sir James Joicey, M.P., was passed.

8th August.

Corbrige.—A plan was submitted for alterations to Clareville, Prospect Hill, belonging to Mr. Davidson, was passed.

5th September.

Newlands Grange.—A plan of a byre for Mr. Johnston, was submitted and passed.

Ovingham.—A plan of a cottage for Mr. Nixon, Horsley Cottages, was approved.

WYLAM.—Plans of a semi-detached villa, were submitted for Mr. Dalton, South Wylam, and approved of.

CORBRIDGE.—A plan of additional stables for Mrs. Jefferson, Station Hotel, was submitted and approved.

3rd October.

HEDLEY-ON THE-HILL.—A plan of a cottage for Mr. Jackson, Jarrow, was approved of, subject to the drains being taken to the back of the cottage.

14th November.

CORBRIDGE.—Plans of two semi-detached villas, for Messss. Robinson & Son, Prior Mains, were submitted and approved of.

12th December.

PRUDHOE.—Plans of a cottage, stabling, and hay shed, were submitted by the Independent Co-operative Society, and approved of, subject to the cottage being built 6 feet to the east.

STOCKSFIELD.—A plan of a slaughter house at Branch End Terrace, for Mr. Pattinson, was approved of.

CORBRIDGE.—A plan of a stable and coach house, at Ealesfield House, for Mr. Chapman, was submitted and approved.

In submitting the Annual Report of the Returns, &c., for the Hexham Rural Sanitary Authority, which will be found to be of a very satisfactory character, it will be seen the mortality this year, is 16 per 1000, is rather greater than that of last year, which was 15·875. Even this is too large, and one which it is to be hoped will be much decreased. In comparing this with other places, it must be taken into consideration, that although it is a Rural Sanitary Authority, there are many parts, as in the pit and other villages, where the surroundings are much the same, as in larger places, such as the character of houses built in times past. Some built back to back; rooms to low and ill-ventilated; also space and accomodation too limited for the requirements, especially of a grown up and mixed family. Also the difficulty experienced by individuals, in getting the due removal and destruction of refuse, all which must have an appreciable effect on the general health. In regard to the *Infectious Diseases*, it will be seen, taking into consideration the extent and character of the District, the number has not been at all out of the way, with the exception of that of Scarlatina, and in that, there has been a great diminution in the numbers, and as a general epedemic, it has quite died away. And the mortality in all these diseases, has been comparatively light, compared to what it might have been and generally is. There has been an increase of *Diptheria* to some extent, and as before remarked, I am of the opinion, that dirty privies and middens, but more especially ill-kept and infrequently cleansed slopstone pipes, gullies and drains, are the cause of it. But as to its being very infectious there can be no doubt, and it is one of the diseases which demands the most rigid exclusion, from school attendance of the whole family. even if only one is affected in the house, whether attending school or not. And if it seems to spread amongst the scholars, the early closure of the school as soon as it is seen, that this is a principal focus of the disease, is the surest and quickest remedy in the end. But the *Closure of a school* in the the interest of the scholars themselves as well as that of the school, requires due consideration, so much so that the Local Government Board, has issued a memorandum to all Medical Officers of Health to that effect, pointing out the diseases principally requiring action, in regard to the closure of schools, either partially or

wholly, which are Scarlatina, Measles, Diptheria, Whooping Cough Smallpox, and Rotheln, and in the whole of which the infection is carried directly from one to another. They are given in the order above, as stated to be about the relative frequency, which such diseases are brought under consideration, and that the closure of a school ought only to take place, when lesser means, such as the isolation and prevention of certain families and districts from attending, would not be sufficient. Also that before the closure of a school in a village, due weight ought to be given, as to whether a commensurate amount of benefit would be got, by taking into consideration, whether there would be any less danger of personal contact with infected persons whilst at school, than whilst running in and out of each others houses, and playing about at home all day. And this especially in the case of Scarlatina, where the infective stage continues so long after the patient feels practically well, is worthy of every attention, as at home practically no precautions are used, to prevent the spread of this disease, children and adults go in and out of each others houses, without let or hindrance. There has been an increase in the number of cases of *Typhoid Fever*, but it has been of a very mild character. These to a certain extent may have been due to the extremely droughty season, most of the supplies having got into a very low state. From the danger of such cases occuring when the wells are refilling after a long drought, it was anticipated there might be a much greater number than has occurred, and a paragraph was inserted in the local papers, pointing out that danger, and asking the people to boil all water before using. That advice was followed very largely indeed throughout the district, and without doubt was very beneficial. In regard to the four cases of Smallpox which have occurred, little more need be said, than to emphasize the danger, which the community at large suffers from men, whether profesional tramps or otherwise, going from one district to another, and carrying the infection with them into a non-infected district. Three of these were distinctly imported cases, in the other case, the infection had been got by direct contact with the others, during the removal and disinfection of the premises, &c. The whole of these were, promptly removed to the Workhouse Infectious Wards, and every means used to prevent any furthur spread, and which have forunately been successful.

No better example could be well needed, than the above cases, to show the want of an *Isolation Hospital* and the value of the prompt removal, and thorough isolation of each case as it occurs, in stamping out disease, and this ca only be done by having an hospital for that purpose in the district, which at present at any rate, there is not. That there ought to be one cannot be questioned, as it is the only means of effectually dealing with Infectious Diseases. Had it not been possible to deal with these cases as they were dealt with, it will be apparent to all those who know the districts where they occurred, that the danger of the disease sgreading was a most serious one, in fact, almost certain. Any attempt at home isolation would have been useless, and the district has had a fortunate through narrow escape, from a greater or less spread of the disease, through the prompt measures taken. As stated the *Ashpits and Privies* are being considerably better attended to than formerly. The plan which the Board has adopted as a model, for the above has now been in operation above twelve months, and continues to give the greatest satisfaction. It conforms with all the requirements of the Local Government Board, and has proved all that was claimed for it. Not a single objection has been made to it in any instance, except that it is too little, and this objection, which can scarcely be called such, since they are made to hold a couple of cartloads, is caused by the difficulty experienced, in getting the farmers to clean them out often enough, and the people seem to wish them to be made to hold more. Those according to the plan are large enough, but even if they are made to hold a little more, there are none of the objectionable features, either in regard to the character of the contents, or to the cleaning out, which was so great under the old system, and there is no doubt in every respect, but especially in a sanitary point of view, they are a great improvement over the old ones. They are only referred to here, because there has sufficient time elapsed to prove their utility, and that the Board has, at any rate, supplied the builders with a plan which time has proved satisfactory. There is a very great improvement in *Dwellings.* both in regard to appearance and construction. Through the efforts of theBoard, a greater amount of attention is being paid by builders of property to the height and size of the rooms, also in doing away with

small and unventilated rooms, often termed lumber or dressing rooms, but which almost always eventually turn out to be used as a sleeping room. Through ventilation in bed and other rooms by fireplaces, windows, &c., is better attended to, also that of the ground floor, preventing dampness, &c. The system of drainage is also receiving more attention, the Sanitary Inspector insisting that no drain in any instance, shall be covered in, without previous intimation being given to him, and its being laid to his satisfaction, and this is a most necessary rule, as may be too often seen by the defects found on examination, and which if once covered in, remain until it becomes in some way other, so bad as to have attention drawn to it, and for which in the meantime some one has had to suffer.

On looking back, and personally speaking, one of the most satisfactory things, is the yearly increasing readiness, with which people apply for advice and assistance, and which is in marked contrast to what used to be the case, when the officals were recieved with suspicion and distrust, and information very begrudgingly given. The very opposite is now the case, and as a rule every assistance is given, not only in regard to Information, but also in carrying out any suggestions recommended, and there can be no doubt, this is from the gradually increasing confidence of the public in the Sanitary Authority, and the knowledge that no measures are ever required, but those plainly essential to the general welfare. and this has made the performance of the duties, much more pleasant and satisfactory.

I would wish to add a few words of praise to Mr. Waugh, for the personal efforts which he has made during the whole of the year, in regard not only to the removal of patients suffering from Infectious Diseases. but also to the proper disinfection or destruction of effects' premises, &c., belonging such. In all of these cases the duties have been so thoroughly performed, as under the circumstances, to leave little to be desired, and have had without any doubt, a very appreciable effect in preventing the spread of the diseases.

Gentlemen, in conclusion, I hope the foregoing particulars, tables &c., will prove the district in a very satisfactory and improving state, and I beg again to thank the Board, for its consideration towards myself in the performance of my duties. and for the assistance and advice, I have received so frequently from members, and which have been so much service to me, and which I hope will continne in the future as in the past.

I remain,

Gentlemen,

Your obedient servant,

R. BOUSTEAD.